



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q94181

Takeyuki SUGIURA

Appln. No.: 10/573,969

Group Art Unit: Not yet assigned

Confirmation No.: Not yet assigned

Examiner: Not yet assigned

Filed: March 30, 2006

For: TETRAHYDROFOLATE SYNTHETASE GENE

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

UNDER 37 C.F.R. §§ 1.97 and 1.98

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, along with a copy of the corresponding Communication from a Foreign Patent Office, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

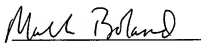
U.S. Appln. No.: 10/573,969

on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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WASHINGTON OFFICE

23373

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Date: July 25, 2006

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
/IC/		Dean W. Hum et al., "Primary Structure of a Human Trifunctional Enzyme" (1988), The Journal of Biological Chemistry, Vol. 263, No. 31, pp. 15946-15950	
/IC/		Chuck Staben et al., "Nucleotide Sequence of the Saccharomyces cerevisiae ADE3 Gene Encoding C ₁ -Tetrahydrofolate Synthase" (1986), The Journal of Biological Chemistry, Vol. 261, No. 10, pp. 4629-4637	
/IC/		Karen W. Shannon et al., "Purification and Characterization of a Mitochondrial Isozyme of C ₁ -Tetrahydrofolate Synthase from Saccharomyces cerevisiae" (1986), The Journal of Biological Chemistry, Inc., Vol. 261, No. 26, pp. 12266-12271	
/IC/		Anice E. Thigpen et al., "Rat C ₁ -Tetrahydrofolate Synthase" (1990), The Journal of Biological Chemistry, Vol. 265, No. 14, pp. 7907-7913	
/IC/		Inderjit K. Dev et al., "A Complex of N ⁵ ,N ¹⁰ -Methylenetetrahydrofolate Dehydrogenase and N ⁵ ,N ¹⁰ -Methenyltetrahydrofolate Cyclohydrolase in Escherichia coli" (1978), The Journal of Biological Chemistry, Vol. 253, No. 12, pp. 4245-4253	
/IC/		S. K. Raj et al., "Reverse Transcription-Polymerase Chain Reaction (RT-PCR) for Direct Detection of Cucumber Mosaic Virus (CMV) in <i>Gladiolus</i> " (1998), Biochemistry and Molecular Biology International, pp. 89-95	

⁴ Applicant's unique citation designation nonfunctional). ⁵ See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ⁶ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁷ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁸ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁹ Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO		<i>Complete if Known</i>			
		Application Number	10/573,969		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Confirmation Number	Not yet assigned		
		Filing Date	March 30, 2006		
		First Named Inventor	Takeyuki SUGIURA		
		Art Unit	Not yet assigned		
		Examiner Name	Not yet assigned		
Sheet	2	of	4	Attorney Docket Number	Q94181

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
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		US			
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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.		Translation ⁶
/IC/		Michael A. Frohman et al., "Rapid production of full-length cDNAs from rare transcripts: Amplification using a single gene-specific oligonucleotide primer" (1988), Proc. Natl. Acad. Sci., Vol. 85, pp. 8998-9002		
/IC/		F. Sanger et al., "DNA sequencing with chain-terminating inhibitors" (1977), Proc. Natl. Acad. Sci., Vol. 74, No. 12, pp. 5463-5467		
/IC/		Allan M. Maxam et al., "Sequencing End-Labeled DNA with Base-Specific Chemical Cleavages" (1977), Methods in Enzymology, Vol. 65, pp. 499-560		
/IC/		Manual G. Claros et al., "Computational method to predict mitochondrially imported proteins and their targeting sequences" (1996), Eur. J. Biochem., Vol. 241, pp. 779-786		
/IC/		Paul J. Kim et al., "Survivin and molecular pathogenesis of colorectal cancer" (2003), The Lancet, Vol. 362, pp. 205-209		
/IC/		Rachel H. Giles et al., "Caught up in a Wnt Storm: Wnt signaling in cancer" (2003), Biochimica et Biophysica Acta 1653, pp. 1-24		

Examiner Signature	/Iqbal Chowdhury/ (06/21/2007)	Date Considered	
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(use as many sheets as necessary)

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Sheet	4	of	4
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/IC/		Priya Prasannan et al., "Human Mitochondrial C ₁ -Tetrahydrofolate Synthase" (2003), The Journal of Biological Chemistry, Vol. 278, No. 44, pp. 43178-43187	
/IC/		Takeyuki Sugiura et al., "A novel mitochondrial C ₁ -tetrahydrofolate synthetase is upregulated in human colon adenocarcinoma" (2004), Biochemical and Biophysical Research Communications, Vol. 315, pp. 204-211	
/IC/		International Search Report dated November 16, 2004	

Examiner Signature	/Iqbal Chowdhury/ (06/21/2007)
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Date Considered

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